

Introduction

The purpose of this document is to present an implementation strategy for addressing groundwater pollution issues related to agriculture within Idaho's twenty-five (25) Nitrate Priority Areas (*see Figure 1 and Table 1*). A strategy for each priority area will include agricultural accomplishments and action items. In addition, current watershed planning and implementation activities will be evaluated in terms of impact on groundwater. Also, links to TMDL actions will be evaluated in order to coordinate planning and implementation efforts and integrated application of available federal and state cost share programs for Best Management Practice (BMP) application.

Goal

The goal of this agricultural groundwater strategy is to restore and maintain the groundwater quality within twenty-five (25) Idaho's Nitrate Priority Areas in an equitable manner proportional to the problems related to agriculture.

Objectives

1. Evaluate monitoring status for future needs
2. Evaluate existing sampling data in order to target on-farm planning and implementation efforts
3. Initiate contacts with Conservation Districts to share information and gain their support for implementation of solutions
4. Provide administrative and technical support to the involved Conservation Districts
5. Target implementation programs and incentives to accelerate BMP implementation within each priority area

6. Coordinate planning and implementation activities with TMDL efforts where possible

Accomplishments and Action Items

Each of Idaho's twenty-five (25) Nitrate Priority Areas has its own specific set of Accomplishments and Action Items which are reviewed and updated each year. These target objectives may be found along with other references such as maps and correspondence in the subsequent sections of this working document.

Priority Area	SCD Coordination Meeting	Plan of Work Completed	Monitoring Data Evaluation	Initial Assessment Completed	Implementati on Plan Initiated	Implementati on Plan Completed	Program Funding Applications Submitted	Project Funded	Implementati on Plan in Progress	BMP Effectiveness Monitoring in Progress	Status Review	Comments
1 Weiser	2003	Yes	Yes	Yes	Yes	- 319* - PL-566 - GW Plan - City DWMP	- PL-566 - 319; Phases 1 & 2 - SRF, WQPA - EQIP	- 319; Phase 1	Yes	Yes	03/16/ 06	- Preliminary investigation report 319 Phase 1 Approved; 6/2005 Phase II approved - WQPA being implemented - Ground water plan written - City drinking water management plan written
2 Twin Falls		Yes	Yes		Yes	- GW Plan	- EQIP					- Ground water plan completed; report written - City drinking water management plan written - 319 written
3 Burley – Marsh Creek	2005		Yes	Yes	Yes		- 319 - WQPA	- WQPA				- WQPA funding TA
4 Lower Boise – Canyon County					Yes	- GW Plan	- EQIP - WQPA	- WQPA	Yes			
5 Camas Prairie	2002	Yes	Yes	Yes	Yes	- 319 - WQPA	- SRF - WQPA - 319	- WQPA - 319	Yes	Yes		DEQ groundwater committee coordination
6 Grand View			Yes				-					City drinking water management plan written
7 Fort Hall							- WQIP	- WQIP	Yes			11 contracts completed in NRCS project
8 Ashton, Drummond, Teton River	2003	Yes	Yes	Yes	Yes	Yes	- 319 - WQPA	- 319	Yes	Yes		
9 Rupert		Yes	Yes	Yes	Yes	Yes	- BOR - NRCS – Special - EQIP - SRF		Yes			Preliminary Investigation Report – BOR & 3 Mile injection well closure. Congressional funding through the NRCS for irrigation system revamp
1 Payette 0							-					
1 Eagle – Star 1							-					
1 Homedale – Marsing 2	Yes	Yes	Yes	Yes	Yes	Yes	- EQIP - WQPA	- WQPA	Yes			- EQIP on Jump Creek - Ground water assessment

							- 319					
1 Hammett 3							-					
1 Bruneau 4							-					
1 Lapwai Creek 5							-					
1 Saint Anthony 6							-					
1 Pocatello 7							-					
1 Soda Springs – Bear River 8							-					
1 Mountain Home 9	Yes						-					
2 Mud Lake 0	Yes						-					
2 Hibbard 1							-					
2 Preston – Cache Valley 2	Yes	Yes	3-1-06				-					- 319 pre-application prepared by L. Holloway, ISDA; no action resulted – 2004 - initial assessment completed by ISCC (3/01/06)
2 Genesee – Cow Creek 3							-					
2 Boise – Meridian 4							-					
2 Bliss 5	2004	Yes	Yes	Yes	Yes	Yes	- 319 - WQPA	Yes	Yes	Yes		BMP effectiveness evaluations initiated

Priority Area	DEQ Regional Office	Local Conservation District	Local ISCC/IASCD Contact	Groundwater Studies on File	Additional Monitoring	Past and/or Current Planning Activities	monitoring Linked to TMDL Activities	Past and/or Current Implementation Activities	Estimated Area (acres)	Landuse
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1 Weiser	SW	Weiser River SWCD	Scott Koberg	Yes	ISDA Project 710	- PI-NRCS	Yes	- EQIP - 319 - SRF	31,479	Irrigated Agriculture
2 Twin Falls	SC	Twin Falls SWCD Balanced Rock SWCD	Mary Rosen	Yes	ISDA Project 780 ISDA Project 960	- SAWQP - WQPA	Yes	- EQIP - WQPA - SAWQP	244,225	Irrigated Agriculture
3 Burley - Marsh Creek	SC	East Cassia SCD West Cassia SCD	Carolyn Firth	Yes		- 319	Yes	- EQIP	169,560	Irrigated Agriculture
4 Lower Boise - Canyon County	SW	Canyon SCD	Scott Koberg	Yes		- TMDL - Implementation Plan - Pollution Trading	Yes	- WQPA - 319	238,144	Irrigated Agriculture
5 Camas Prairie	NC	Lewis SWCD Idaho SWCD	Eileen Rowan	Yes	ISDA Project 950	-	Yes	- EQIP - WQPA - SRF - 319 - CRP	187,001	Dry Land Agriculture
6 Grandview	SW	Owyhee SCD	Duane LaFayette		ISDA Project 860	-	Yes		13,987	Irrigated Agriculture
7 Fort Hall	SE	Tribe	Justin Krajewski	Yes		- WQIP	No	- 319 - WQIP	32,322	Irrigated Agriculture
8 Ashton, Drummond, Teton River	E	Yellowstone SWCD Teton SCD	Karie Pappani	Yes	ISDA Project 800	- SAWQP - 319/Nutrient Management - WQPA	Yes	- 319 - WQPA - CRP - EQIP	146,170	Irrigated & Dryland Agriculture
9 Rupert	SC	Minidoka SCD	Carolyn Firth	Yes	ISDA Project 790 ISDA Project 930	- Planning & implementation - Minidoka Land & Water Management Project	Yes	- EQIP - BOR Grant - NRCS (special) - SRF	116,778	Irrigated Agriculture
10 Payette	SW	Payette SWCD	Terry Finnerty	Yes	ISDA Project 770	- SAWQP - TMDL Implementation Plan	Yes	- EQIP - WQPA - SAWQP - HUA	30,509	Irrigated Agriculture
1 Eagle - Star	SW	Ada SWCD	Scott Koberg	Yes	ISDA Project 530	- TMDL Implementation Plan	Yes	- EQIP - SRF	1,739	Irrigated Agriculture
12 Homedale - Marsing	SW	Owyhee SCD	Duane LaFayette		ISDA Project 850 ISDA	- SAWQP	Yes		50,914	Irrigated Agriculture

					Project860						
1 3	Hammett	SW	Elmore SWCD	Duane LaFayette	Yes		-	Yes		14,416	Irrigated Agriculture, Range
1 4	Bruneau	SW	Bruneau River SCD	Duane LaFayette	Yes		- TMDL Implementation Plan	Yes		24,255	Irrigated Agriculture, Range
1 5	Lapwai Creek	NC	Nez Perce SWCD	Mike Hoffman	Yes		- WQPA - TMDL Implementation Plan	Yes	- WQPA - 319	17,587	Dryland Agriculture
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1 6	Saint Anthony	E	Yellowstone SWCD	Karie Pappani		ISDA Project 840 USGS Project 88 USGS Project 89	- SAWQP - WQPA	Yes	- WQPA - EQIP - CRP	6,725	Irrigated Agriculture
1 7	Pocatello	SE	Portneuf SWCD	Justin Krajewski	Yes		- SAWQP - 319 - WQPA - EQIP	Yes	- WQPA - 319 - EQIP - CRP	22,576	Irrigated Agriculture
1 8	Soda Springs – Bear River	SE	Caribou SCD Bear Lake SCD	Ben Evans			- SAWQP - WQPA - 319	Yes	- WQPA - 319 - CRP	310,606	Dryland Agriculture
1 9	Mountain Home	SW	Elmore SWCD	Duane LaFayette	Yes	ISDA Project 810	-	No		23,987	Irrigated Agriculture, Range
2 0	Mud Lake	E	Jefferson SWCD	Karie Pappani		ISDA Project830	-	No		36,417	Irrigated Agriculture
2 1	Hibbard	E	Madison SCD	Karie Pappani		ISDA Project 840 USGS Project 88 USGS Project 89	-	Yes	- EQIP - CRP	10,907	Irrigated Agriculture

Information last updated October 3, 2006

2 2	Preston – Cache Valley	SE	Franklin SWCD	Steven Smith			–	Yes	– EQIP – CRP	129,113	Irrigated Agriculture
2 3	Genesee – Cow Creek	NC	Latah SWCD Nez Perce SWCD	Bill Dansart	Yes		– EQIP	Yes	– EQIP – CRP – SRF	18,436	Dryland Agriculture
2 4	Boise – Meridian	SW	Ada SWCD	Scott Koberg	Yes		– TMDL Implementation Plan – Pollution Trading – Idaho OnePlan	Yes	– EQIP – 319 – WQPA	18,032	Urban, Irrigated Agriculture
2 5	Bliss	SC	Gooding SCD	Joe Schwarzbach		ISDA Project 870	–	Yes		6,806	Irrigated Agriculture